

Active Recombinant Mouse Fgf2 protein(Ala11-Ser154), His-tagged

Cat. No. Fgf2-829M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fgf2 (NP_032032.1) (Ala11-Ser154) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	Ala11-Ser154
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using Balb/c 3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 0.1-0.6 ng/mL.
Molecular Mass	The recombinant mouse Fgf2 consists 162 amino acids and predicts a molecular mass of 18.5 kDa.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Fgf2 fibroblast growth factor 2 [Mus musculus]
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Official Symbol	Fgf2
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Synonyms	FGF2; fibroblast growth factor 2; HBGF-2; basic fibroblast growth factor; heparin-binding growth factor 2; Fgfb; bFGF; Fgf-2;
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Gene ID	14173
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mRNA Refseq	NM_008006
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Protein Refseq	NP_032032
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